Packaging

Packaging

Page 1

Insp.

March-19-13 1:53:44-PM Item ID: D2966-1-BENT Accept *N900040100* Setup Start Revision ID: Item Name: Skidtube Assembly 105 Start Date: 3/19/13 Start Otv: 1.00 Cust Item ID: Required Date: 3/22/13 Req'd Oty: 1.00 Customer: Reference: Run Process Plan: MLJ Date: 13-03-19 Tooling: Approvals: Date: Date: _____ SPC (Y/N): Date: Operation Sequence ID/ Set Up/ Tool ID Tool # Plan Reject Accept Reject Work Center ID Description **Run Hours** Qty Code Qty Number Stamp Draw Nbr **Revision Nbr** Rev A 0.00 **BENDING MACHINE - SKIDTUBES** C Bendil 0.00 - De 13/66/18 Memo Delta 100 Bender 1-Bend tube as per program BO105 on CNC Bender and Dwg D2966. Bend folio #1 use bending aid DT9631 2-Cut Fwd end of the tube using DT8185-1 QC5- Inspect part completeness to step on W/O 0.00 0.00 Memo Quality Control Identify as per dwg & Stock Location: 0.00 Packaging *300*

0.00

Memo

NCR: Y	es / No)			WORK ORDER NON-O	CONFO	RMANCE / UP	DATE	QA Closed:	Dat					
•					DISPOSITION	Ī		AGAINST DI			e.				
Work Order:					DISPOSITION	_	AGAINST DEPARTMENT/PROCESS								
					Rework]	Skid-tube	Crosstube		Water Jet	Engineering				
Part N	o				Scrap] [Machining	Small Fab	Pro	d. Eng. Coor.	Quality				
					Use-as-is	The	ermoforming	Finishing	Rec/Sto	re/Packaging	Other				
NCR No.					Work Order Update]	Large Fab	Composite	ite Supplier						
Root		- 		Descri	ption of work order update	Initia	Ac	ction	Sign &						
Cause	Date	Step	Qty		or Non-conformance	Chief E	ng Desc	cription	Date	Verification	n QC Inspector				
oc/Data															
quip/Tooling			•			İ					į į				
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etup			-												
Other			1								ļ				
rocess						}		,							
upplier															
raining		\ ***													
Inapproved															
					F	AULT CA	TEGORY								
Landin	ng Gear				General			_	_	_					
	Bendir	g			Bend	Grai	n		Ovalized		Pressure/Forced				
	Centre	Not Conce	entric to	o/s	BOM/Route	Harc	ware		Over/Under	tolerance	Temperature/Cure				
	Cracks				Broken/Damaged	Insp	ection Incomplete		Part Incorre	ct	Weld				
ſ	Crushe	d/Crimped	!		Burrs	Instr	uctions Incomplete,	/Unclear	Part Lost/M	issing	Wrong Stock Pulled				
Ī	Cuffs				Contamination	Mai	ntenance		Part Moved	_	_				
Ī	Heat T	reat			Countersink	Misi	abeled		Positioned V	Vrong					
Ì	Inspec	tion Strip i	n Tube		Cut Too Short	Misr	ead		Power Loss/	Surge	Other				
	Ripple	in Bend			Drill Holes	Offs	et	L		_	-				
	Torque	Waves in	Extrusio	n	Drawing	Out	of Calibration								
1		g Sequenc			Finish	Out	of Sequence								
				Folio	Outs	Outside Dimensions									

DQA: _____ Date: ____

Page 2

Work Order ID 98668

March-19-13 1:53:44 PM

98668

Item ID: Revision ID: Item Name:	D2966-1-BI Skidtube Ass			Accept	*N900	<u>040</u>	100)*	Setup S	tart Stop	*N *N	S1* S2*	
Start Date: Required Date: Reference:	3/19/13 : 3/22/13	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:							
Approvals:	Process Pl	an:	Date:	Tooling: SPC (Y/N):		ate:	· · · · · -			tart Stop	*N *N	R1 [,] R2 [,]	t - '
Sequence ID/ Work Center I 310 *310* QC Quality Control	D	Operation Description QC21- Final Inspection -	Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty		Reject Number	Insp. Stamp	

M3-0210

NCR:	Yes	/	No	

DQA:_

Date:

NCR: Ye	CR: Yes / No : WORK ORDER NON-CONFORMANCE / UPDATE QA Closed: Date:												
Work Ordei	- -	-			DISPOSITION		AGAINST DEPARTMENT/PROCESS						
Part No.					Rework Scrap		Skid-tube Machining	Crosstube Small Fab	_	Water Jet d. Eng. Coor.	Engineering Quality		
NCR No.					Use-as-is Work Order Update	Th	ermoforming Large Fab	Finishing Composite	Rec/Stor	re/Packaging Supplier	Other		
Root				Descri	ption of work order update	Initia	1	ction	Sign &				
Cause	Date	Step	Qty		or Non-conformance	Chief E	ing Des	cription	Date	Verification	QC Inspector		
Doc/Data													
quip/Tooling	_												
Operator	4												
Material	_									:			
etup	4												
Other	_												
Process	-												
Supplier	_												
raining													
Inapproved		İ				ALILT C	 ATEGORY		J				
Landin	g Goor				General	AULI CA	TEGORI		<u> </u>				
	Bending				Bend	Gra	in	Г	Ovalized		Pressure/Forced		
 	Centre N	ot Conce	ntric to (BOM/Route	\vdash	dware		Over/Under	tolerance	Temperature/Cure		
-	Cracks	or conce	THE CO	"" <u> </u>	Broken/Damaged	\vdash	ection Incomplete		Part Incorred	<u> </u>	Weld		
1	Crushed/	Crimped		—	Burrs	-	ructions Incomplete	·/Unclear	Part Lost/Mi		Wrong Stock Pulled		
ŀ	Cuffs				Contamination		intenance	·	Part Moved	· L	j		
F	Heat Trea	at			Countersink	—	labeled		Positioned V	Vrong			
ŀ	Inspectio		Tube		Cut Too Short	⊢	read		Power Loss/	· —	Other		
Ī	Ripples in				Drill Holes	Offs		_	_		•		
ľ	Torque V		Extrusio	n	Drawing	Tout	of Calibration						
ļ	Turning S				Finish	Out	of Sequence						
Ī	Wave/Twist in Tube				Folio	Out	Outside Dimensions						

Picklist Print

March-19-13 1:53:47 PM

Work Order ID: 98668

98668

Parent Item:

D2966-1-BENT

D2966-1-RFNT

Parent Item Name:

Skidtube Assembly 105

Start Date: 3/19/13

Required Date: 3/22/13

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP rev A 10.09.17 New issue EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status	
D2962-125		Manufactured	No				Each	9.0000		1				
D2962-12	25								**	DC 13	/66/19	<u> </u>		

Location Loc Qty Loc Code HALL

Page 1

										DQA:	Date	:
NCR: Y	es / No				WORK ORDER NON-	CO	NFORM	MANCE / UPDATE		QA Closed:	Date	:
					DISPOSITION			AGAI	NST DE	PARTMENT		·
Work Orde	r:				Rework	7		Skid-tube Crosst	ube]	Water Jet	Engineering
Part No	o				Scrap]		Machining Small		4	d. Eng. Coor.	Quality
NCR N	o				Use-as-is Work Order Update				ning site	Rec/Sto	re/Packaging Supplier	Other
Root				Descri	ption of work order update		Initial	Action		Sign &		
Cause	Date	Step	Qty	1	or Non-conformance	Cl	nief Eng	Description		Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved												
						FAU	LT CATE	GORY				
Landin	g Gear				General	_						
	Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs				Bend BOM/Route Broken/Damaged Burrs Contamination	Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance			Ovalized Over/Under Part Incorre Part Lost/M Part Moved	ct issing	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled	
] [Heat Tre	at			Countersink		Mislabe	eled		Positioned V	Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

Folio





***************************************	DESIGN RF	DRAWN BY	DART AEROSPACE USA, INC.
I	CHECKED	APPROXED	DRAWING NO. REV. A
	#	*	D2966 SHEET 1 OF 2
	DATE		TITLE SCALE
	00.03.08		BO 105 SKIDTUBE ASSEMBLY NTS
	Α	00.03.08	NEW ISSUE



Qty	Part Number	Description
Х	D2966-041	SKIDTUBE ASSEMBLY
1	D2962-125	EXTRUSION
1	D2964	CAP
1	D2965	CAP
1	D2970-1	WEARPLATE
1	D2970-3	WEARPLATE
1	D2971	CROSS BOLT SPACER
7	D2973	CROSS BOLT SPACER
1	D2976	WEB
36	ALS7-1032-130	INSERT
	or ALS4-1032-130	
	or AKS7-1032-130	
	or AKS4-1032-130	
28	AN960JD10L	WASHER
26	MS27039-1-08	SCREW
2	MS27039-1-09	SCREW
1	D3176-1	Bushing
1	D3176-3	Nut

98668 MCS

A2)

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) WELDING TO BE DONE PER DART QSI 004.
- 3) INSERT D2976 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241/-291 ADHESIVE PER DART QSI 015 AFTER BENDING.
- 4) USE DART DRILL TEMPLATE DT8451 TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION B-B (34 PLACES) AFTER FINISH. SEAL WEARPLATE SCREWS WITH SIKAFLEX-241/-291.
- 5) DO NOT INSTALL MS27039-1-08 SCREWS AND AN960JD10L WASHERS IN THESE LOCATIONS.
- 6) INSTALL ALS7-1032-130 INSERT, MS27039-1-08 SCREW, AND AN960JD10L WASHER IN 2 PLACES THIS LOCATION BEFORE POWDER COATING.
- 7) FINISH

ACID ETCH, ALODINE PER DART QSI 005 4.1 PRIOR TO INSERTING D2976 WEB POWDER COAT ASSEMBLY GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3 BLACK ANTI-SKID PAINT AS INDICATED TO 1.00 ABOVE CENTER LINE PER DART QSI 005 4.4 (OPTIONAL)

BLACK SAMPLEY (REF 4.3.5.1)

01.01.7

A2	02.10.30	ADD 03(76-1/-3	tu
ΑI	UĮ Ø1.24	CHANGE LOLOR TO BLACK SANDTEXT	tip

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